

REMARKS/ARGUMENTS

1. Introduction

This is a full and timely response to the Office action of May 09, 2007. Claims 1, 6-8, 10-11, 16-18, and 20 have been amended, as has paragraph [0034] of the specification. No
5 new material has been introduced. Reconsideration of claims 1-20 is respectfully requested.

2. Specification

Paragraph [0034] has been amended correcting the term “registers Ra and Rb” to be
“resistors Ra and Rb” as shown in the figures and the balance of the paragraph by such text as
10 “In other words, as long as the products of the capacitor and the resistor in
the reset circuits 66A and 66B, $R_a \cdot C_a$ and $R_b \cdot C_b$, are different”...

3. Claim rejections

**Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over
15 Lippett et al. (US 6,667,993) in view of Basil et al. (US 2002/0138850).**

Independent claims 1, 8, 11, and 18 now each comprise limitations concerning
transmitting the first transmission signal to a node of the network and transmitting the second
transmission signal to another (different) node of the network. The terms “node” and
“network” are discussed in paragraphs [0005] and [0006] of the specification.

20 It is noted that paragraph [0052] and Fig.5 indicate that a signal is scrambled a first time,
then the scrambled signal is scrambled a second time. The final signal is then transmitted to
all nodes in the network (paragraph [0054]). Basil fails to send the first and second
transmission signal respectively to different network nodes as is claimed.

25 Additionally, and specifically concerning claims 7, 10, 17, and 20, Basil teaches using a
seed based on the MAC ID for the targeted client modem (paragraph [0052]). The
applicant is unable to locate teachings of Basil “generating the first scrambling code
according to a first seed number; generating the second scrambling code according to a

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second seed number, the first seed and the second seed being different elements of a same set of seeds; and utilizing each element of the set of seeds to be the first seed number and to be the second seed number in turn” as is claimed. These limitations are supported at least by paragraph [0035] and no new material has been introduced.

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Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,

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